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Effect of treatment in supercritical CO 2 on the composition and structure of tealeaf and cellulose

Shamsetdinov F., Yarullin L., Gumerov F., Gabitov F., Zaripov Z., Remizov A., Kolyadko I., Nikitin V., Fakhreev A., Kamalova D.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

The influence of the pretreatment procedures with supercritical CO 2 (SC-CO 2) on the elemental composition of tealeaf is studied. Fourier-transform infrared absorption spectroscopy is used to examine the effect of SC-CO 2 on the structure of Chinese green tea and cellulose. © Pleiades Publishing, Ltd., 2011.

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Keywords

Cellulose, Chinese green tea, Elemental composition, Structure, Supercritical carbon dioxide, Tealeaf